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9/6/01

Assistant Commissioner for Patents  
Washington, D. C. 20231

Re: Patent Application of Brad A. Armstrong  
Serial No.: 09/455,821 Filed: 12/06/99  
Title: VARIABLE-CONDUCTANCE SENSOR  
Patent Examiner: Easthom, K. Group Art Unit: 2832

IN RESPONSE TO THE OUTSTANDING OFFICE ACTION OF 05/03/01  
Dear Sir:

REMARKS

This is responsive to the Office Action mailed 05/03/01,  
Paper No. 15. The Office Action has been carefully read.

A Petition for Extension of Time under 37 CFR 1.136(a), and  
a \$445.00 check therefor are hereto attached.

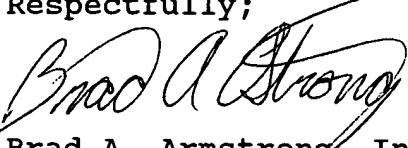
Per our telephone conversation of Aug. 23, 2001, please do  
not examine the application until receiving my preliminary  
amendment and additional prior art, which I will be sending  
promptly. Thank you.

ELECTION OF GROUP

Applicant elects Group or Invention III, which includes  
claims 21-24, to be the group to which examination is restricted  
in the instant application.

Applicant's phone numbers are 530 872 4901 or 530 877 3429.  
Please do not hesitate to call if I may be of any assistance.  
Thank you.

Respectfully;

  
Brad A. Armstrong, Inventor

Date:

Aug. 23, 2001

CERTIFICATE OF EXPRESS MAILING

Assistant Commissioner for Patents  
Washington, D. C. 20231

I hereby certify that this complete response is being deposited  
with the U.S. Postal Service as EXPRESS MAIL article No.  
EK763983534US with sufficient postage paid in an envelope  
addressed to: Assistant Commissioner for Patents, Washington,  
D.C. 20231, on this

date: Aug. 23, 2001

Signature of one making deposit:

  
Brad A. Armstrong, Inventor